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## FACSIMILE COVERSHEET

**TO:** **ISSUE FEE**  
**Examiner Baisakhi Roy**  
**Application No. 10/064,756**  
**Attorney Docket No. 125691-2**

**Fax:** **(571) 273-2885**

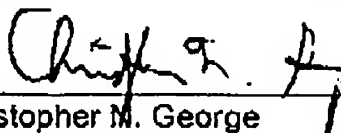
**FROM:** **Christopher N. George**  
**Fax:** **312/775-8100**

**DATE:** **January 19, 2006**  
**Matter:** **Our File No.: 1194-13591US02**

**No. pages sent**  
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**MESSAGE:**  
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I hereby certify that the attached Part B - Fee(s) Transmittal and Comments on Statement on Reasons for Allowance are being facsimile transmitted to the United States Patent and Trademark Office on January 19, 2006.

  
\_\_\_\_\_  
Christopher M. George

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

Douglas P. Boyd

Application No.: 10/064,756


Filed: August 14, 2002

For: METHOD FOR THREE  
DIMENSIONAL CINE  
EBA/CTA IMAGING

Examiner: Baisakhi Roy

Group Art Unit: 3737

Confirmation No.: 9667

Attorney Docket No.: 125691-2  
(13591US02)**CERTIFICATION OF FACSIMILE TRANSMISSION***I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office (FAX No. (571) 273-2885) on January 19, 2006.**Christopher N. George*Signature **COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**Mail Stop Issuc Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Roy

The Applicant respectfully requests that the following Comments on the Examiner's Statement of Reasons for Allowance be added to the file. These comments are being submitted in conjunction with payment of the issue fee.

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Attorney Docket No. 125691-2 (13591US02)

**REMARKS**

Claims 1-33 are allowed. The Applicant appreciates the Examiners allowance of these claims and respectfully submits the following Comments on the Statement of Reasons for Allowance.

The Applicant respectfully submits that the Reasons for Allowance may potentially import interpretations into the claims in relation to the prior art that are unnecessarily limited and may place unwarranted interpretations upon the claims. Such a characterization of the claims in view of the prior art may not properly take into account the Applicant's claimed invention as reflected in the claims, the specification and the prosecution history of the present application. Applicant believes that the claims, the specification, and the prosecution history in their entirety provide an adequate basis for the allowability of the claims.

For example, the Examiner asserts that Eisenberg et al teaches triggering the cardiac cycle at multiple points and constructing a cine angiography loop from at least two CT scans. The Examiner asserts that Eisenberg et al. teaches a gating control system with various events such as contrast injection, foot pedal exposure control, and patient breath hold signals. The Examiner states that the Eisenberg reference does not teach the use of independently configurable trigger arrays where the events or points in the array must follow a certain order. The Examiner states that the prior art of record does not anticipate or render obvious a method of obtaining CT based cine angiography images with multiple independently configurable trigger arrays following a particular order of

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events within the cardiac cycle. The Applicant submits that this is an overly broad reading of Eisenberg and an overly narrow reading of the allowed claims.

As indicated by the prosecution history and the prior art of record, the cited prior art does not anticipate or render obvious methods for cine angiography including selecting at least one independently configurable trigger array including a plurality of trigger points, initiating at least one CT scan of a patient based on the at least one trigger array, selecting at least one additional independently configurable trigger array including an additional plurality of trigger points, initiating at least one additional CT scan of the patient based on the at least one additional trigger array, and performing the at least two CT scans of the patient during two or more cardiac cycles to construct a cine angiography loop. Rather, Eisenberg defines a single repeated interval within one or more cardiac cycles upon which to trigger or gate a scan. The single interval is defined based on an EKG reading and repeated regularly to obtain the desired images. Eisenberg does not mention a trigger array, multiple trigger arrays, or multiple independently configurable trigger arrays.

Additionally, specific parts of the Examiner's reasons for allowance may pertain to limitations appearing in some of the claims, but not others of the claims. The Applicant respectfully submits that the Examiner has thoroughly examined the claims, recognized the limitations appearing or not appearing in each of the claims, and properly found each of the claims 1-33 to be allowable based on the record for additional reasons not appearing in the Examiner's reasons for allowance.

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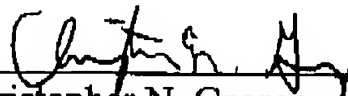
**CONCLUSION**

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of GTC, Account No. 070845.

Respectfully submitted,

Date: 1/19/06

  
\_\_\_\_\_  
Christopher N. George  
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